

Sub 42
25. A DNA molecule encoding HCMV pp28, or antigenic portions thereof that elicit antibodies that immunologically bind to pp28, wherein said DNA molecule is contained within the HindIII fragment of HCMV that includes pp28.

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26. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 5.9 kB HindIII/XhoI fragment of HCMV that includes pp28.

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27. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 5.8 kB HindIII/XbaI fragment that includes pp28.

28. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 5.2 kB HindIII/SalI fragment that includes pp28.

29. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 4.7 kB HindIII/KpnI fragment that includes pp28.

30. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 4.5 kB HindIII/PstI fragment that includes pp28.

31. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 3.8 kB HindIII/XbaI fragment that includes pp28.

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Sub. I
32. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 3.7 kB HindIII/PvuII fragment that includes pp28.

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33. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 3.0 kB HindIII/SalI fragment that includes pp28.

34. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 2.5 kB HindIII/PvuII fragment that includes pp28.

35. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 2.0 kB HindIII/SmaI fragment that includes antigenic portions of pp28.

36. The DNA molecule of claim 25, wherein said DNA molecule is contained within the 1.5 kB HindIII/KpnI fragment that includes antigenic portions of pp28.

Sub. II
37. The 0.5 kB KpnI/SmaI fragment encoding pp28, or antigenic portions thereof that elicit antibodies that immunologically bind to pp28, within the HindIII R fragment from the genome of human cytomegalovirus.

38. Prokaryotic or eukaryotic cells which are transformed with the DNA molecule of claim 25.

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